

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instruction and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington DC 20460. Do not send the form to this address.

DATA MATRIX

Date: 8/15/2015	EPA Reg No./ File Symbol: 33753-23	Page 1 of 8
Applicant's/Registrant's Name and Address: BASF Corporation 100 Park Avenue Florham Park, NJ 07932	Product: Myacide GDA Technical	
Ingredient: Glutaraldehyde (CASRN 111-30-8)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
GROUP A – Product Chemistry					
830.1550	Product Identity and Composition	49905801	33753 - BASF	OWN	
830.1600	Description of starting materials	49905801	33753 - BASF	OWN	
830.1620	Description of production process	44717101 49905801	33753 – BASF 33753 - BASF	OWN OWN	
830.1650	Description of formulation process	Not Applicable			
830.1670	Discussion of formation of impurities	44717101	33753 – BASF	OWN	
830.1700	Preliminary Analysis	49905802 49905803	33753 – BASF 33753 - BASF	OWN OWN	
830.1750	Certified limits	CSF			
830.1800	Enforcement analytical method	49905804 49905805	33753 – BASF 33753 - BASF	OWN OWN	
830.1900	Submittal of samples	49905801	33753 - BASF	OWN	
GROUP B – Physical/Chemical Properties					
830.6302	Color	164369 164380 164381 164382	662 – BASF 662 – BASF 662 – BASF 662 – BASF	OWN OWN OWN OWN	
830.6303	Physical state	164369 164380 164381 164382	662 – BASF 662 – BASF 662 – BASF 662 – BASF	OWN OWN OWN OWN	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6304	Odor	164369 164380 164381 164382	662 – BASF 662 – BASF 662 – BASF 662 – BASF	OWN OWN OWN OWN	
830.6313	Stability	164369 164380 164381 164382	662 – BASF 662 – BASF 662 – BASF 662 – BASF	OWN OWN OWN OWN	
830.6314	Oxidation/Reduction Chemical Incompatibility	Not Applicable			
830.6315	Flammability	164369 164380 164381 164382	662 – BASF 662 – BASF 662 – BASF 662 – BASF	OWN OWN OWN OWN	
830.6316	Explosability	164369 164380 164381 164382	662 – BASF 662 – BASF 662 – BASF 662 – BASF	OWN OWN OWN OWN	
830.6317	Storage Stability	164369 164380 164381 164382	662 – BASF 662 – BASF 662 – BASF 662 – BASF	OWN OWN OWN OWN	
830.6319	Miscibility	164369 164380	662 – BASF 662 – BASF	OWN OWN	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
		164381 164382	662 – BASF 662 – BASF	OWN OWN	
830.6320	Corrosion Characteristics	164369 164380 164381 164382	662 – BASF 662 – BASF 662 – BASF 662 – BASF	OWN OWN OWN OWN	
830.6321	Dielectric Breakdown Voltage	Not Required			
830.7000	pH	164369 164380 164381 164382	662 – BASF 662 – BASF 662 – BASF 662 – BASF	OWN OWN OWN OWN	
830.7100	Viscosity	164369 164380 164381 164382	662 – BASF 662 – BASF 662 – BASF 662 – BASF	OWN OWN OWN OWN	
830.7200	Melting point/melting range	Not Applicable			
830.7220	Boiling point/boiling range	164369 164380 164381 164382	662 – BASF 662 – BASF 662 – BASF 662 – BASF	OWN OWN OWN OWN	
830.7300	Density	164369 164380 164381	662 – BASF 662 – BASF 662 – BASF	OWN OWN OWN	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
		164382	662 – BASF	OWN	
830.7370	Dissociation constant	Not Applicable			
830.7550	Octanol/Partition coefficient, shake flask method	164369 164380 164381 164382	662 – BASF 662 – BASF 662 – BASF 662 – BASF	OWN OWN OWN OWN	
830.7840	Solubility	164369 164380 164381 164382	662 – BASF 662 – BASF 662 – BASF 662 – BASF	OWN OWN OWN OWN	
830.7950	Vapor pressure	164369 164380 164381 164382	662 – BASF 662 – BASF 662 – BASF 662 – BASF	OWN OWN OWN OWN	
TOXICOLOGY					
Acute Testing					
870.1100	Acute oral toxicity	00117061 00164370	662 – BASF 662 – BASF	OLD OLD	
870.1200	Acute dermal toxicity	44691606	33753 - BASF	OLD	
870.1300	Acute inhalation toxicity	00060275	5009 - Petrolite	OLD	
870.2400	Acute eye irritation	00117064 00117065 00117066	662 – BASF 662 – BASF 662 – BASF	OLD OLD OLD	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
		00117067 00117068 49793004	662 – BASF 662 – BASF 33753 - BASF	OLD OLD OWN	Note 1
870.2500	Acute dermal irritation	00117060 00117061	662 – BASF 662 – BASF	OLD OLD	
870.2600	Skin sensitization	43330201	10352 – Union Carbide	OLD	
Subchronic Testing					
870.3100	90-day oral toxicity - rodent	41773601 46046802	10352 – Union Carbide 33753- BASF	OLD OLD	
870.3150	90-day oral toxicity – non-rodent	41480501	10352 – Union Carbide	OLD	
870.3200	21-day dermal toxicity	43259101	10352 – Union Carbide	OLD	
870.3250	90-day dermal toxicity	46046801	33753 - BASF	OWN	
870.3465	90-day inhalation toxicity	00164178 42911801	10352 – Union Carbide 10352 – Union Carbide	OLD OLD	
870.6200	90-day neurotoxicity	46046802	33753 - BASF	OWN	
Chronic Testing					
870.4100	Chronic toxicity (drinking water)	46212501 46046804	33753 – BASF 33753 - BASF	OWN OWN	
870.4200	Carcinogenicity	46212701	33753 - BASF	OWN	
870.4300	Combined Chronic toxicity / carcinogenicity	44842202 43191101	33753- BASF 10352 – Union Carbide	OLD OLD	
Developmental Toxicity and Reproduction					

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.3700	Prenatal developmental toxicity – rat and rabbit preferred	42154001 00046703 00054767	10352 – Union Carbide 7078 – J & J 7078 – J & J	OLD OLD OLD	
870.3800	Reproduction and fertility effects	43189701 46046803	10352 – Union Carbide 33753 - BASF	OLD OLD	
Mutagenicity					
870.5265	<i>Salmonella typhimurium</i> reverse mutation	43010201 43304701	10352 – Union Carbide 7969 - BASF	OLD OLD	
870.5300 870.5375	In vitro mammalian gene mutation	43211601 43304702 42035301	10352 – Union Carbide 7969 – BASF 10352 – Union Carbide	OLD OLD OLD	
870.5385 870.5395	In vivo cytogenetics	43304703 42707301 42851701	7969 – BASF 10352 – Union Carbide 10352 – Union Carbide	OLD OLD OLD	
870.5900	In vitro Sister Chromatid Exchange Assay	43213414	10352 – Union Carbide	OLD	
Special Studies					
870.7485	Metabolism and pharmacokinetics	43324901	10352 – Union Carbide	OLD	
ENVIRONMENTAL FATE					
Degradation studies					
835.2120	Hydrolysis	41906201	10352 – Union Carbide	OLD	
Metabolism Studies - Laboratory					
835.4100	Aerobic Soil Metabolism	44691601	33753 - BASF	OLD	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
NON-TARGET ORGANISM					
Tier One Testing					
850.2100	Avian oral toxicity	00164373 00117070 00147854 42110201	662 – BASF 662 – BASF BASF 10352 – Union Carbide	OLD OLD OLD OLD	
850.1010	Acute freshwater invertebrates toxicity	00117075 00125516	662 – BASF 10352 – Union Carbide	OLD OLD	
850.1075	Acute freshwater fish toxicity	00117076 00117077 0125515 42612102	662 – BASF 662 – BASF 10352 – Union Carbide 65864 – Safe Materials	OLD OLD OLD OLD	
Higher Tier Testing					
850.2200	Avian dietary	00117071 00125519 00117072 00125520	662 – BASF 10352 – Union Carbide 662 – BASF 10352 – Union Carbide	OLD OLD OLD OLD	
Aquatic Organisms Testing					
850.1035 850.1055	Acute estuarine and marine organisms toxicity	42952301 42753201 00117074 42952101 43640301	10352 – Union Carbide 10352 – Union Carbide 662 – BASF 10352 – Union Carbide 7969 - BASF	OLD OLD OLD OLD OLD	

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Ingredient: Glutaraldehyde (CASRN 111-30-8)			

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
850.1400	Fish early-life stage	46373901	33753 - BASF	OWN	

Notes:

1 Submitted on 12/2/2015 as part of 90-day DCI response

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